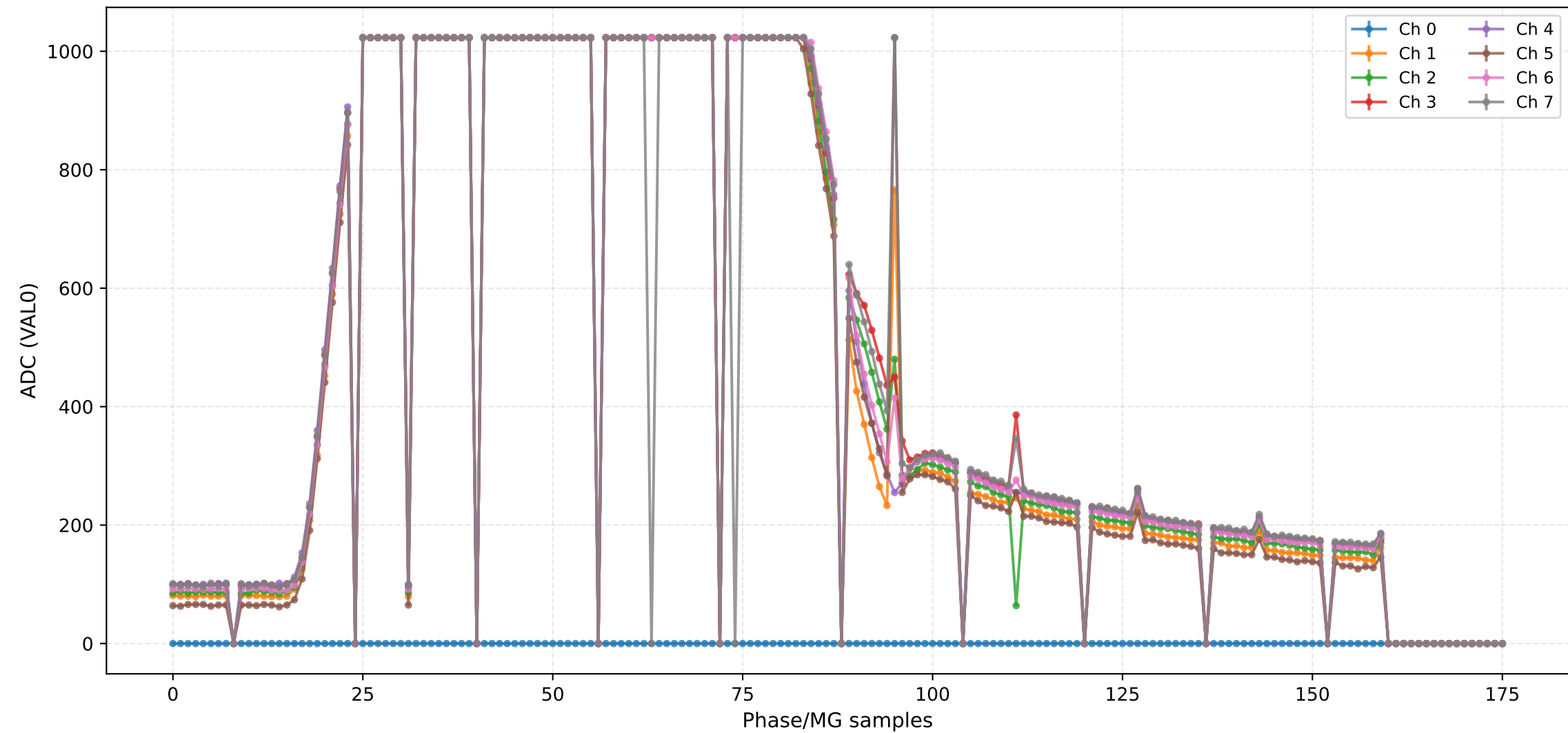


ADC (VAL0) - Channels 0 to 7



### ADC (VAL0) - Channels 8 to 15



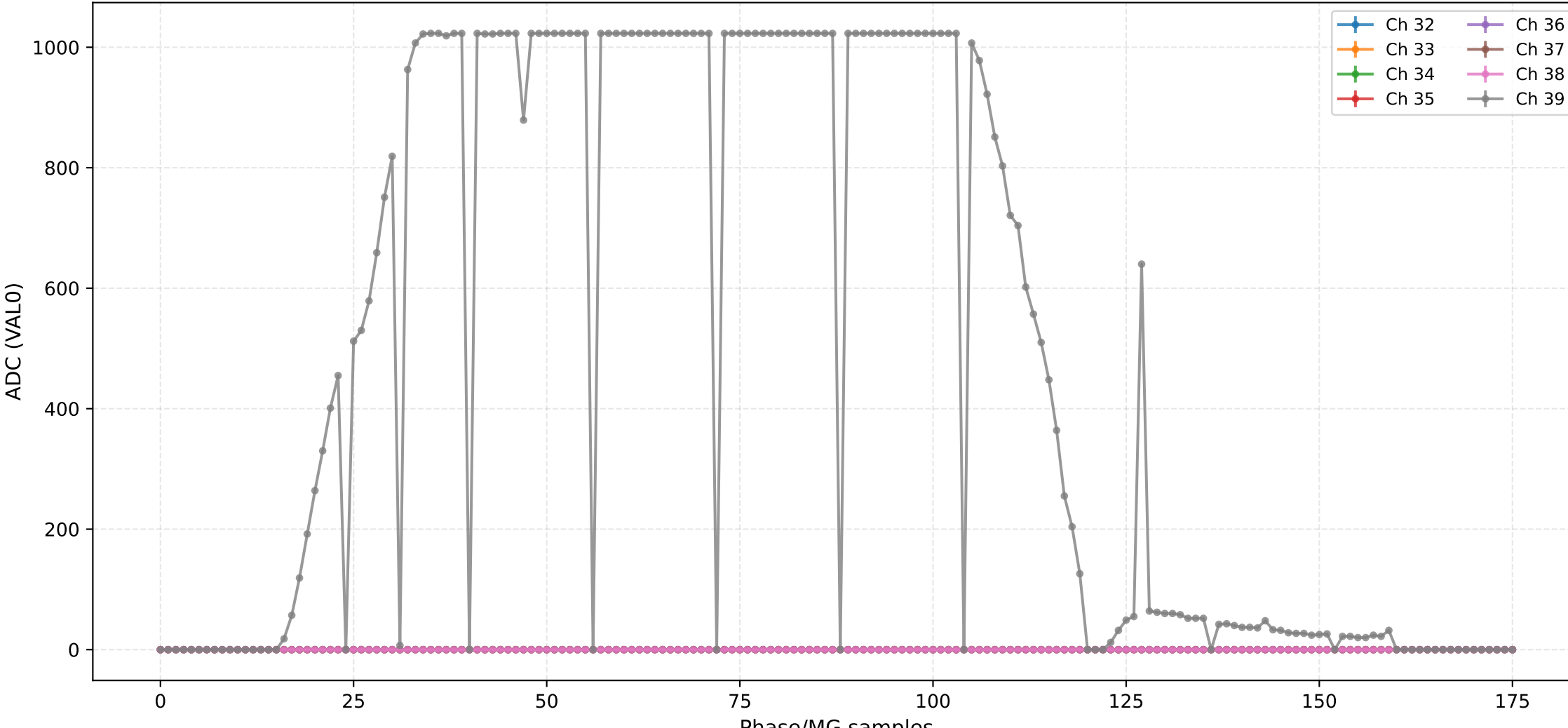
## ADC (VAL0) - Channels 16 to 23



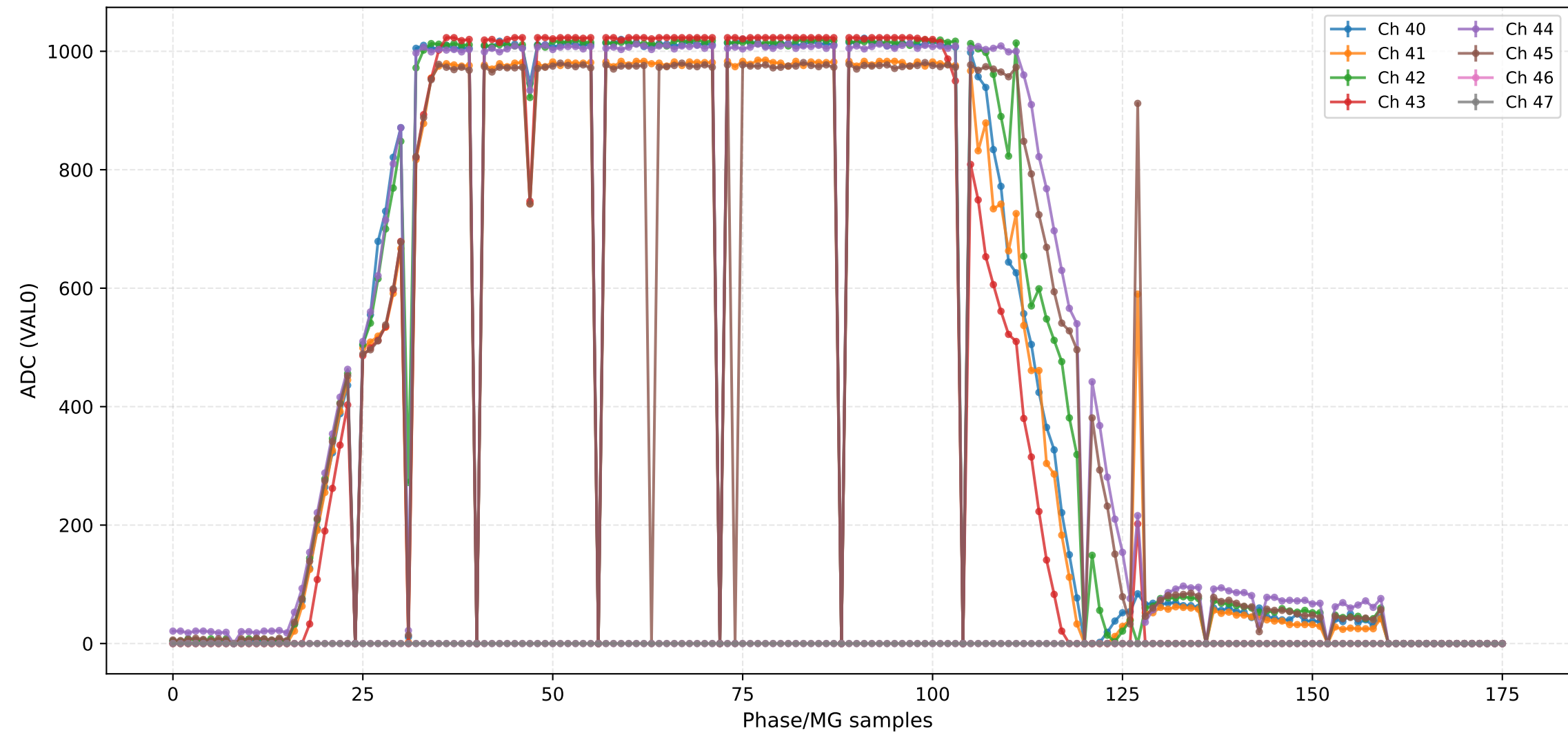
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55



### ADC (VAL0) - Channels 56 to 63

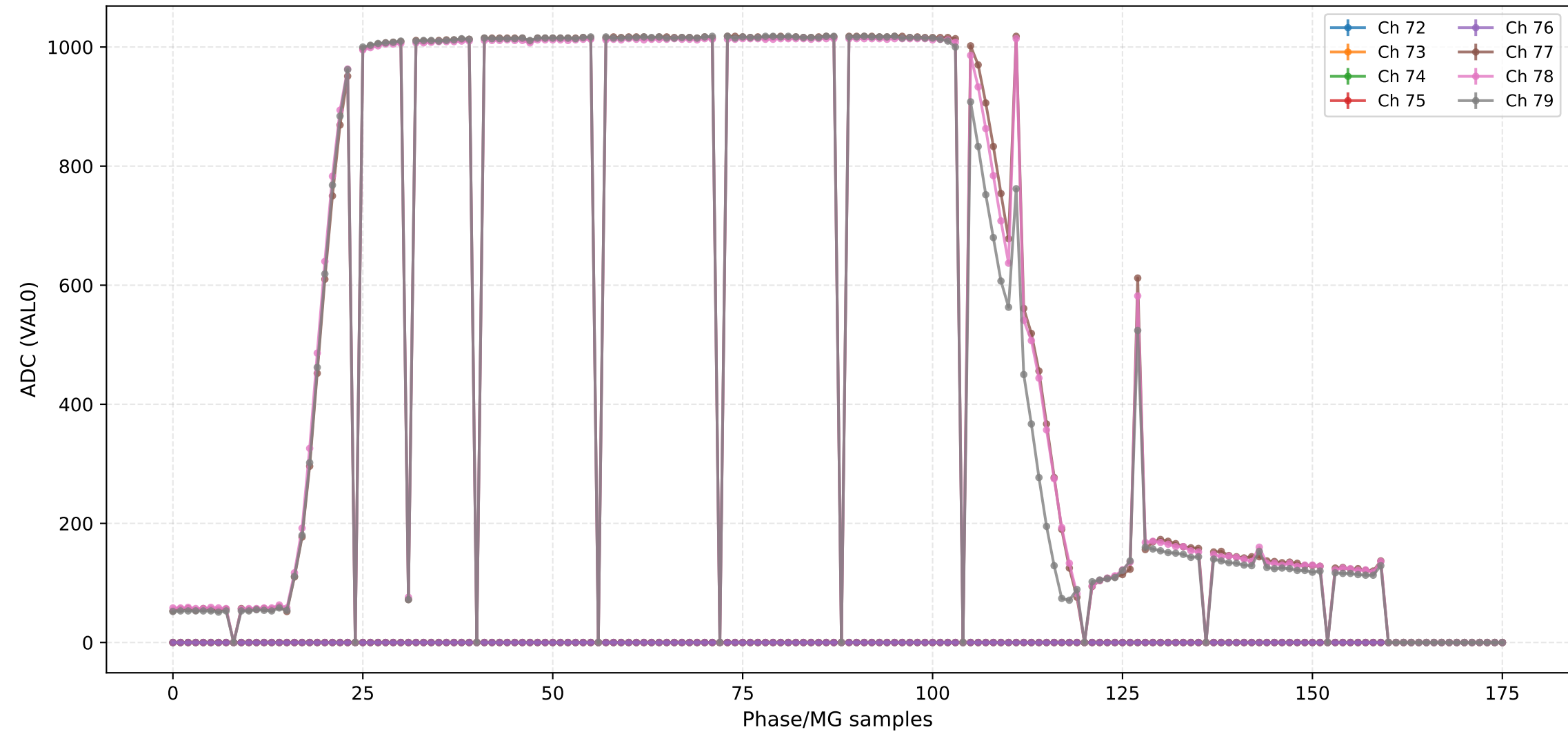




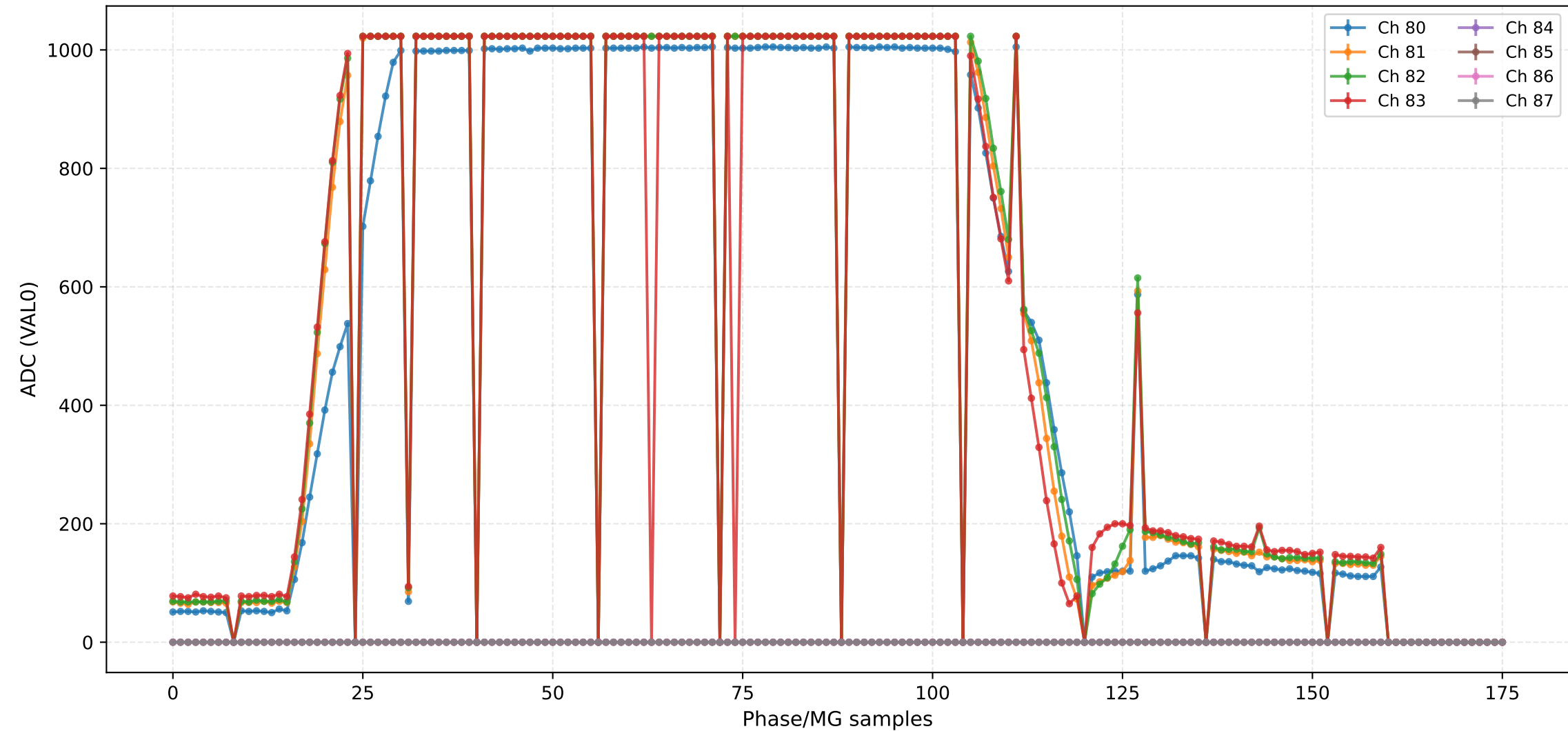
### ADC (VAL0) - Channels 64 to 71



ADC (VAL0) - Channels 72 to 79



ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



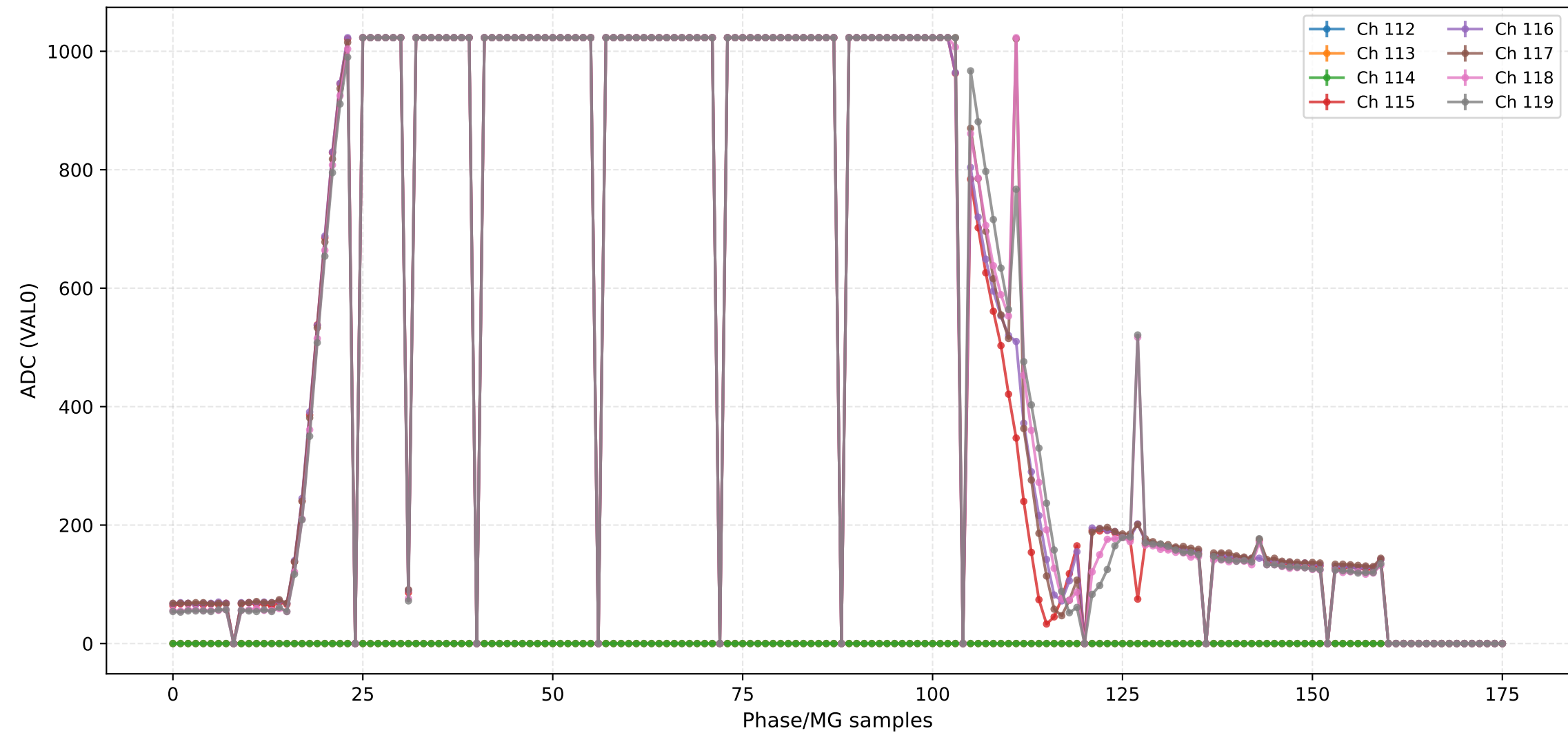
### ADC (VAL0) - Channels 96 to 103



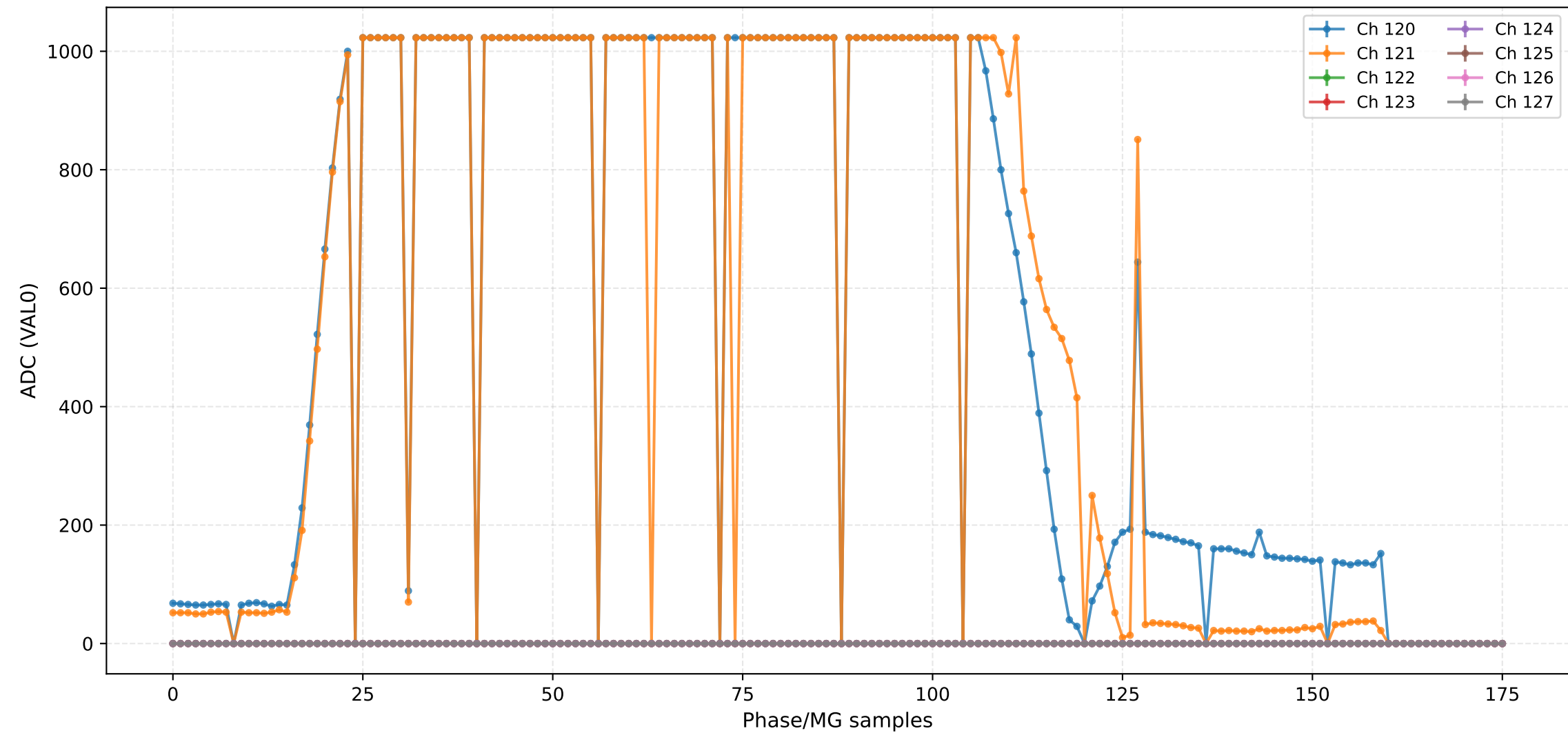
### ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119



### ADC (VAL0) - Channels 120 to 127





### ADC (VAL0) - Channels 128 to 135



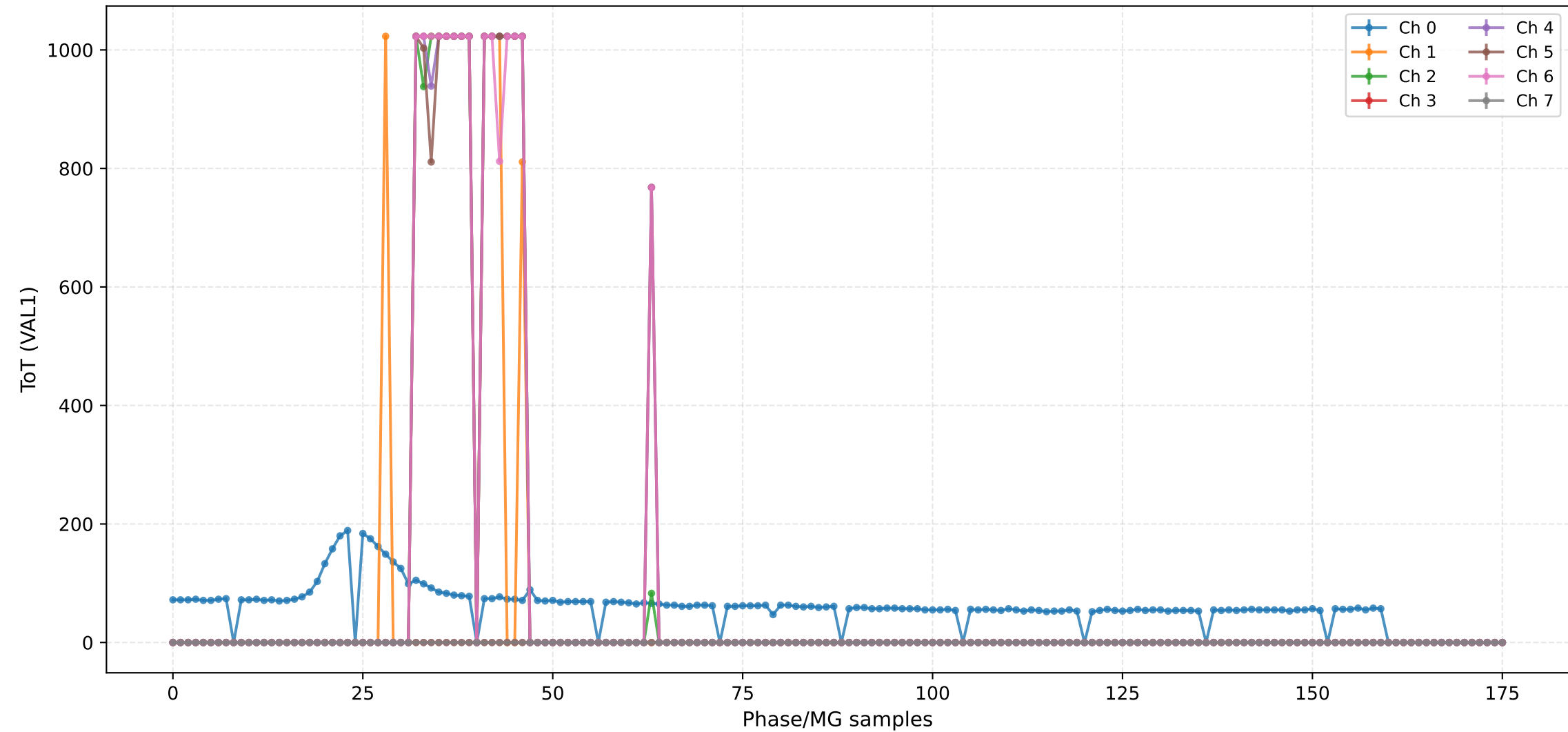
## ADC (VAL0) - Channels 136 to 143



### ADC (VAL0) - Channels 144 to 151



## ToT (VAL1) - Channels 0 to 7



ToT (VAL1) - Channels 8 to 15



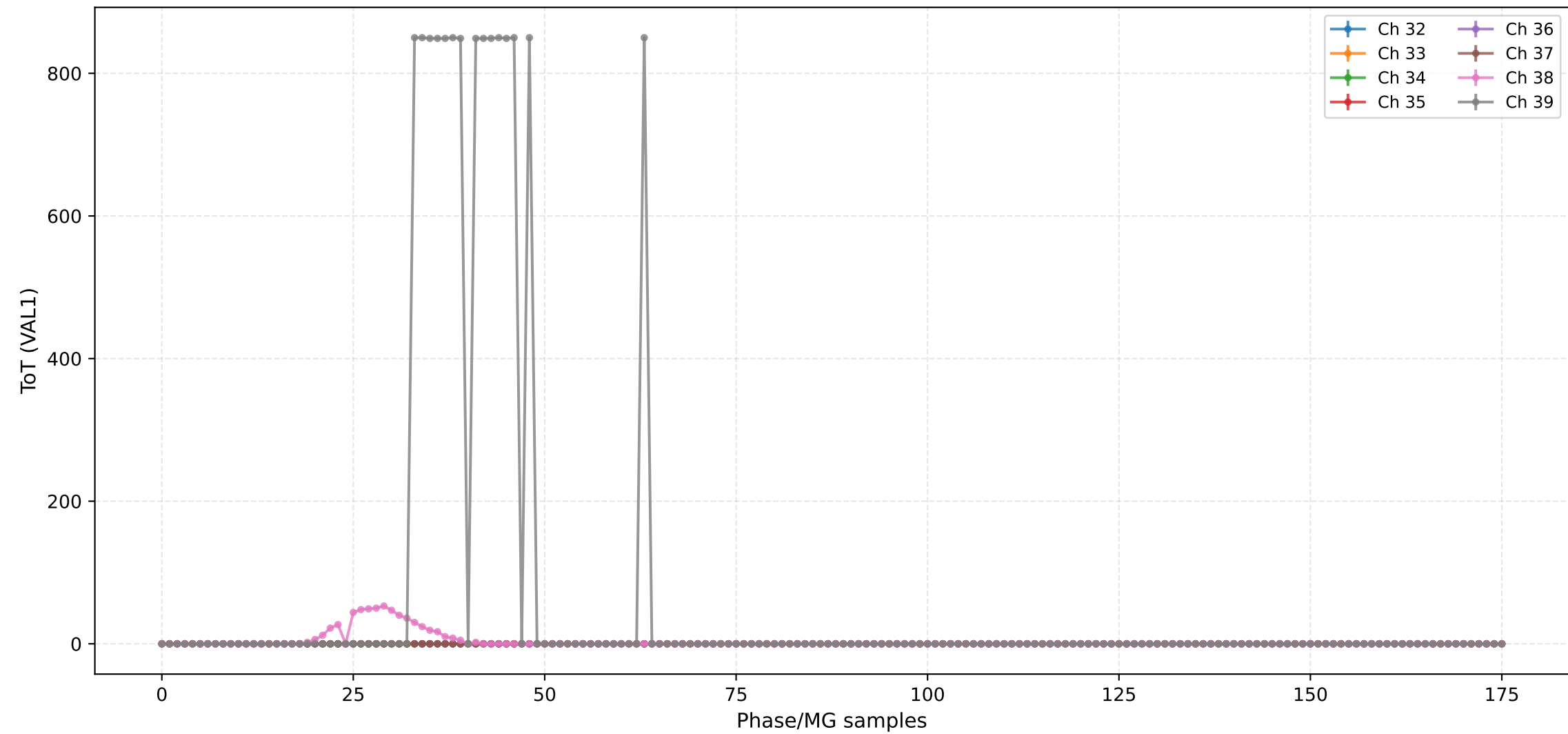
### ToT (VAL1) - Channels 16 to 23



### ToT (VAL1) - Channels 24 to 31

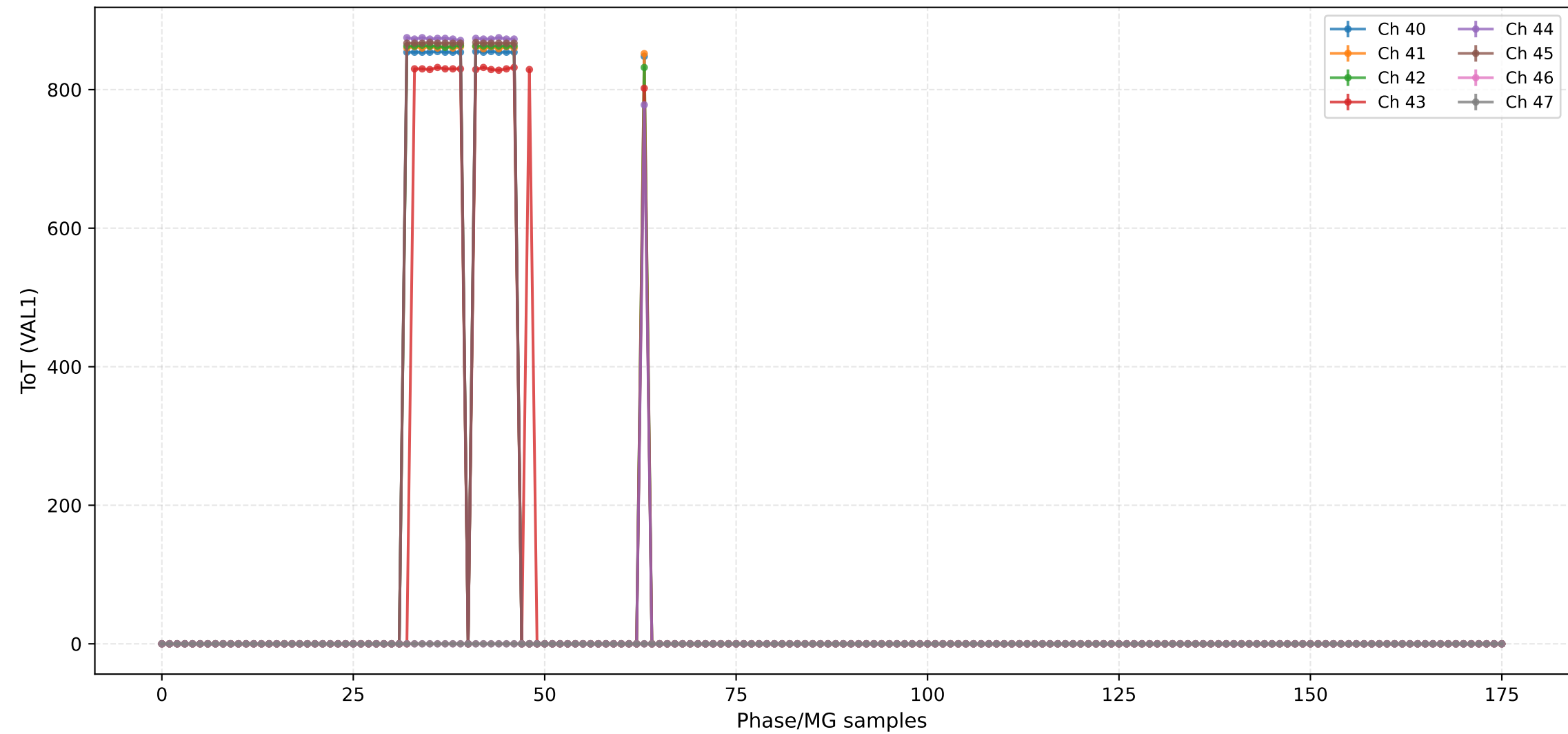


ToT (VAL1) - Channels 32 to 39





ToT (VAL1) - Channels 40 to 47



ToT (VAL1) - Channels 48 to 55



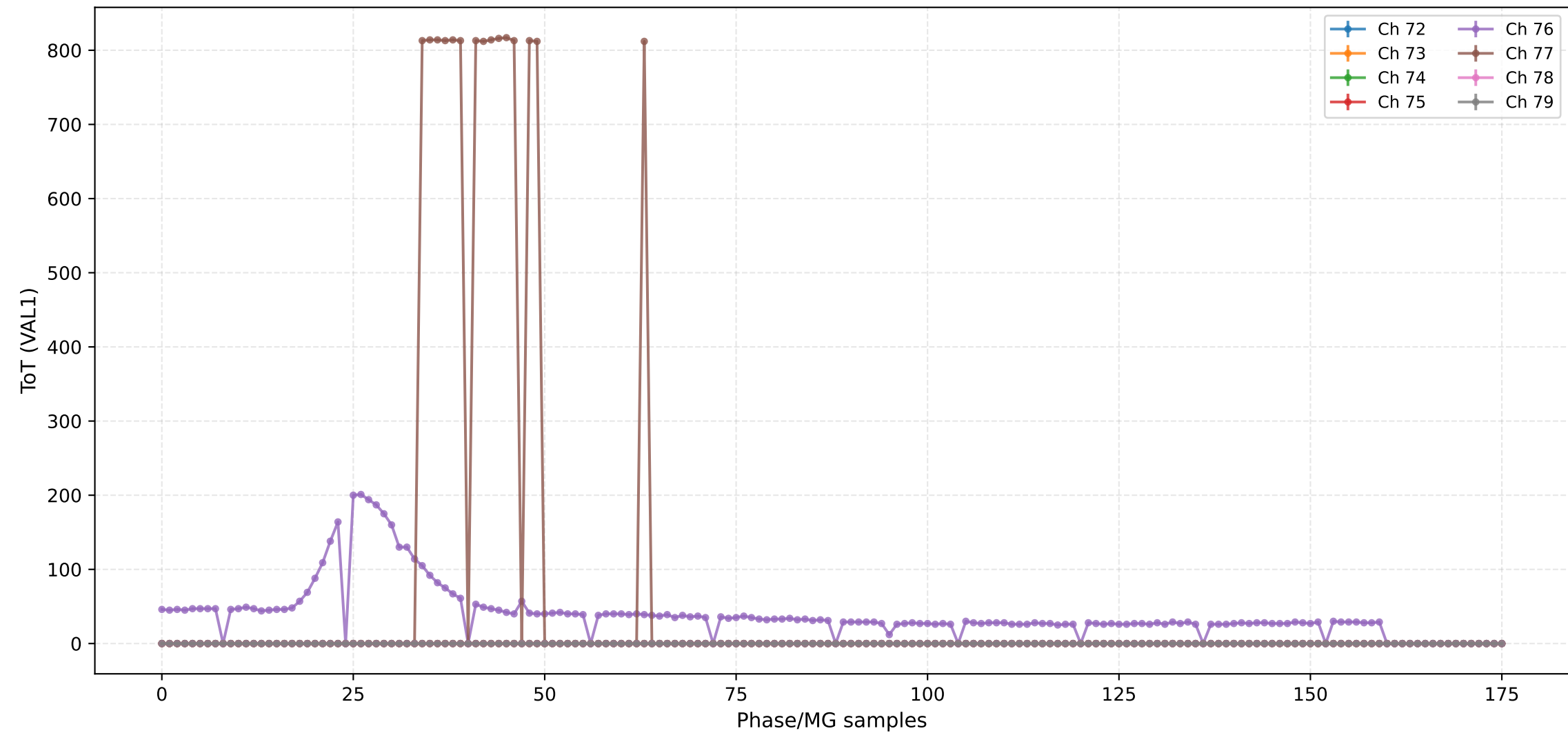
## ToT (VAL1) - Channels 56 to 63



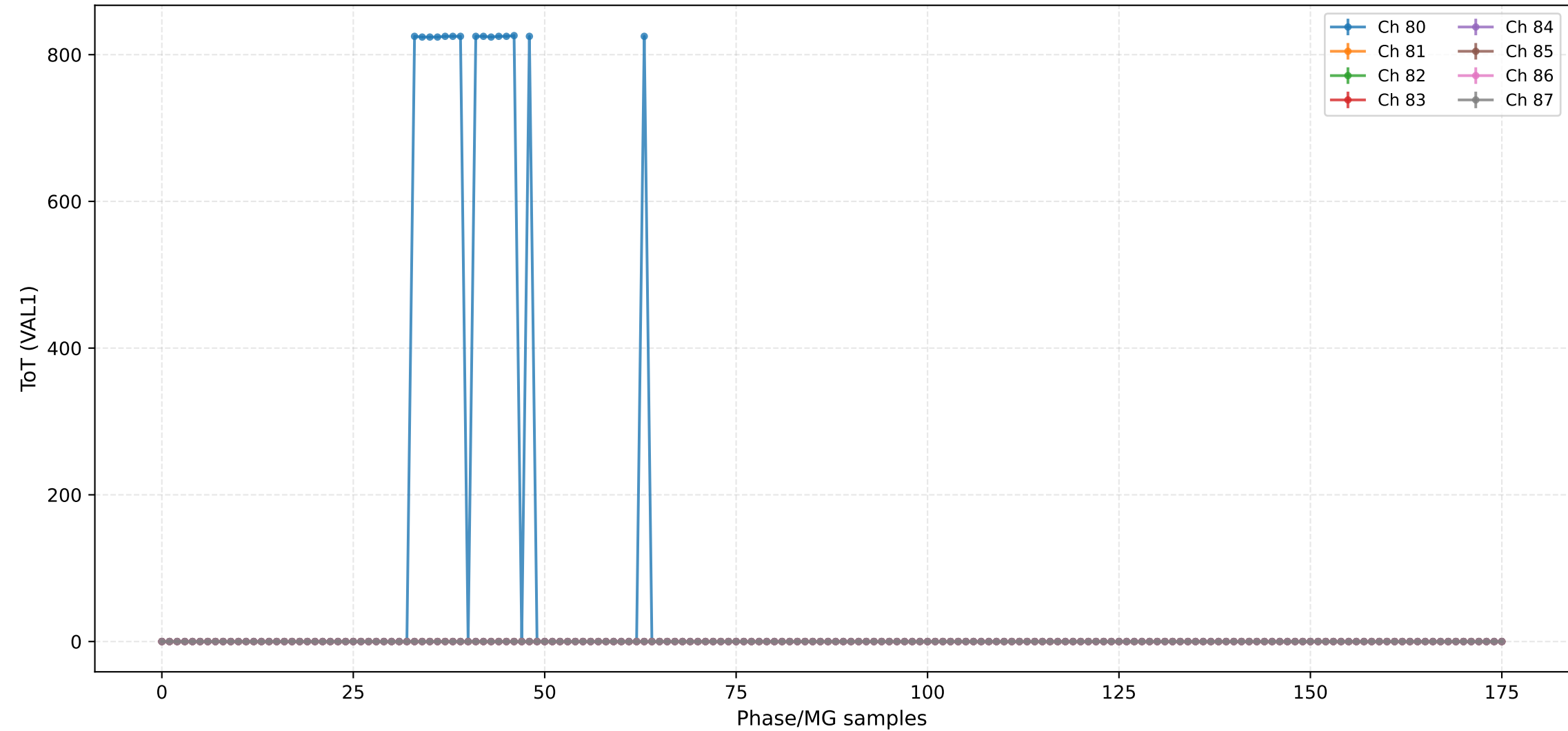
## ToT (VAL1) - Channels 64 to 71



## ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95

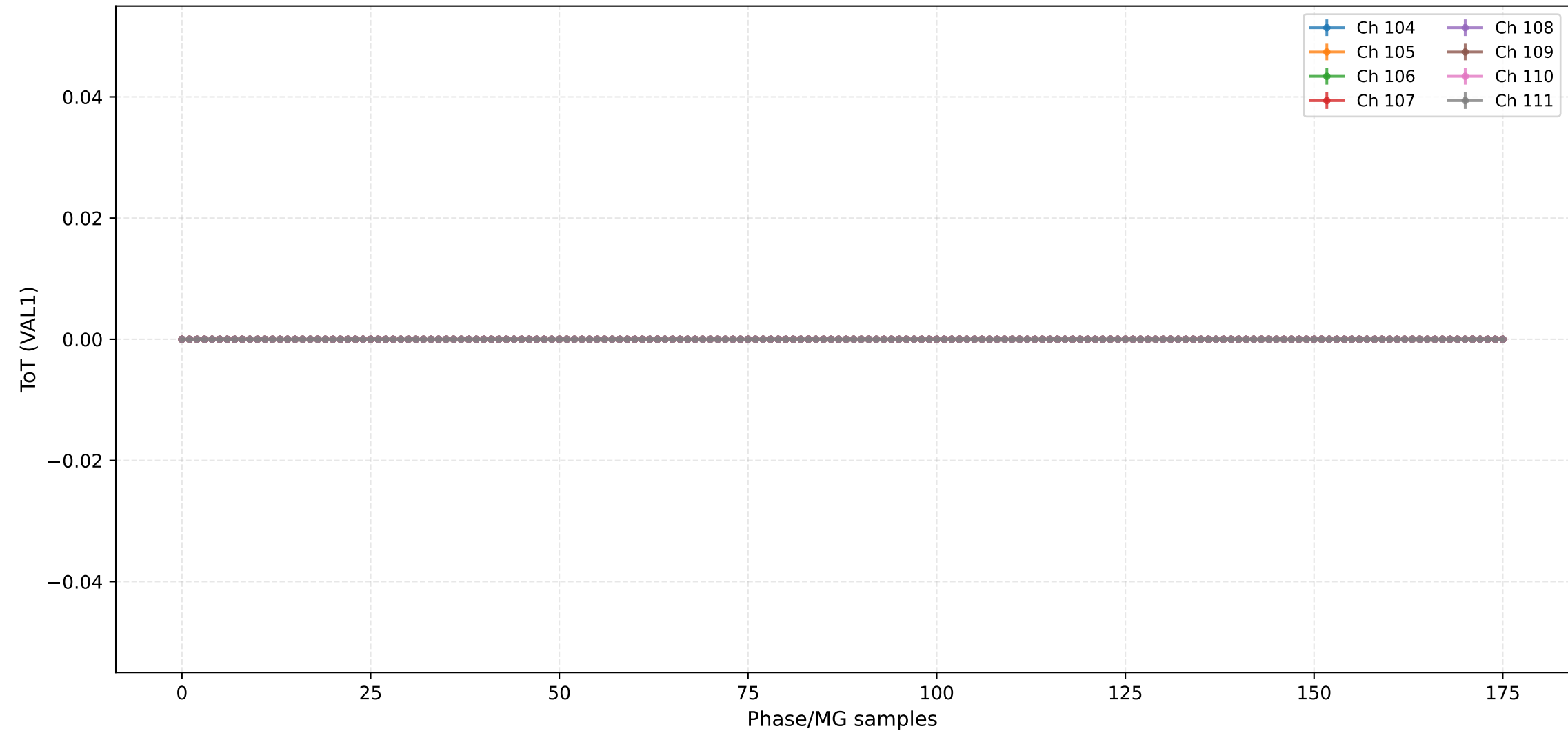


## ToT (VAL1) - Channels 96 to 103

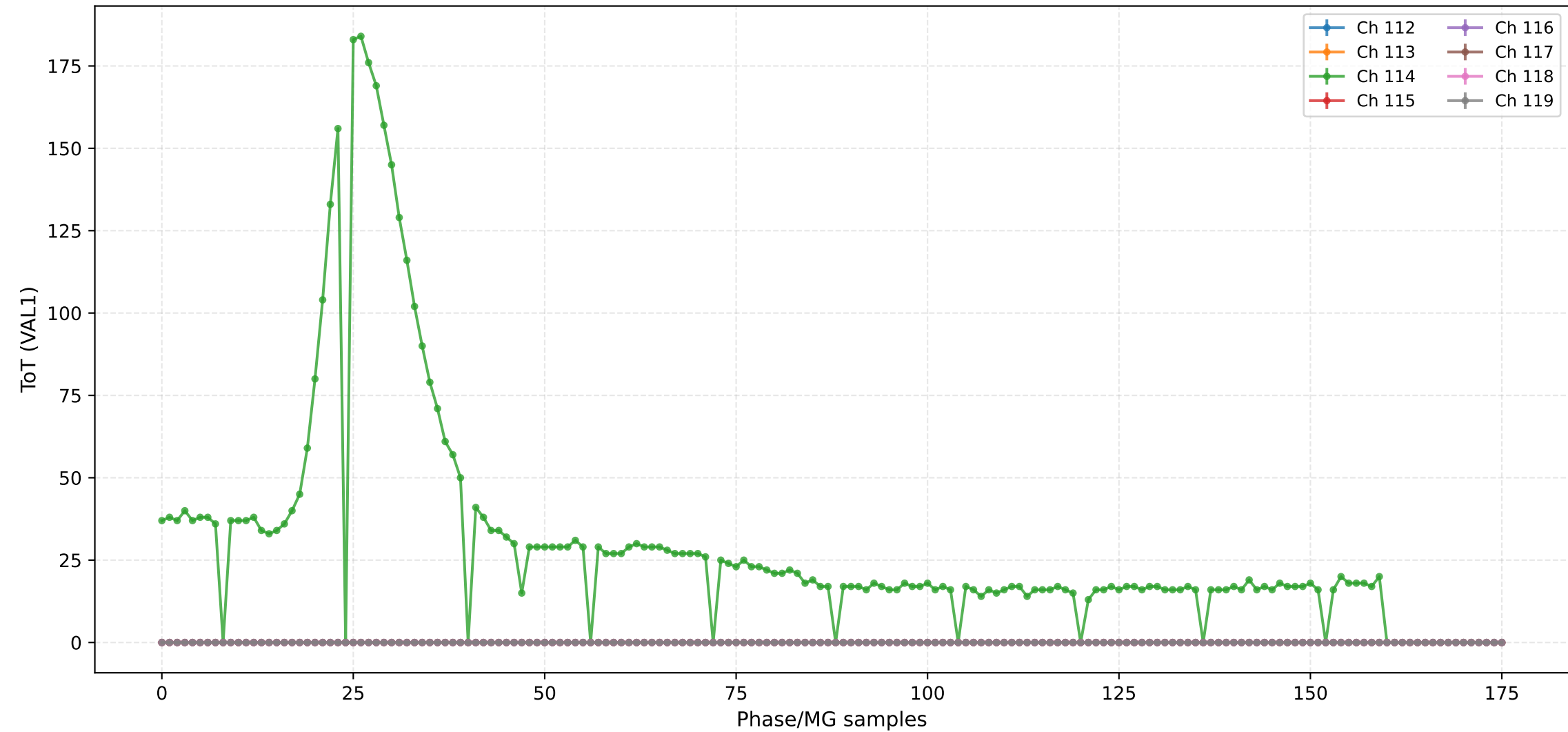




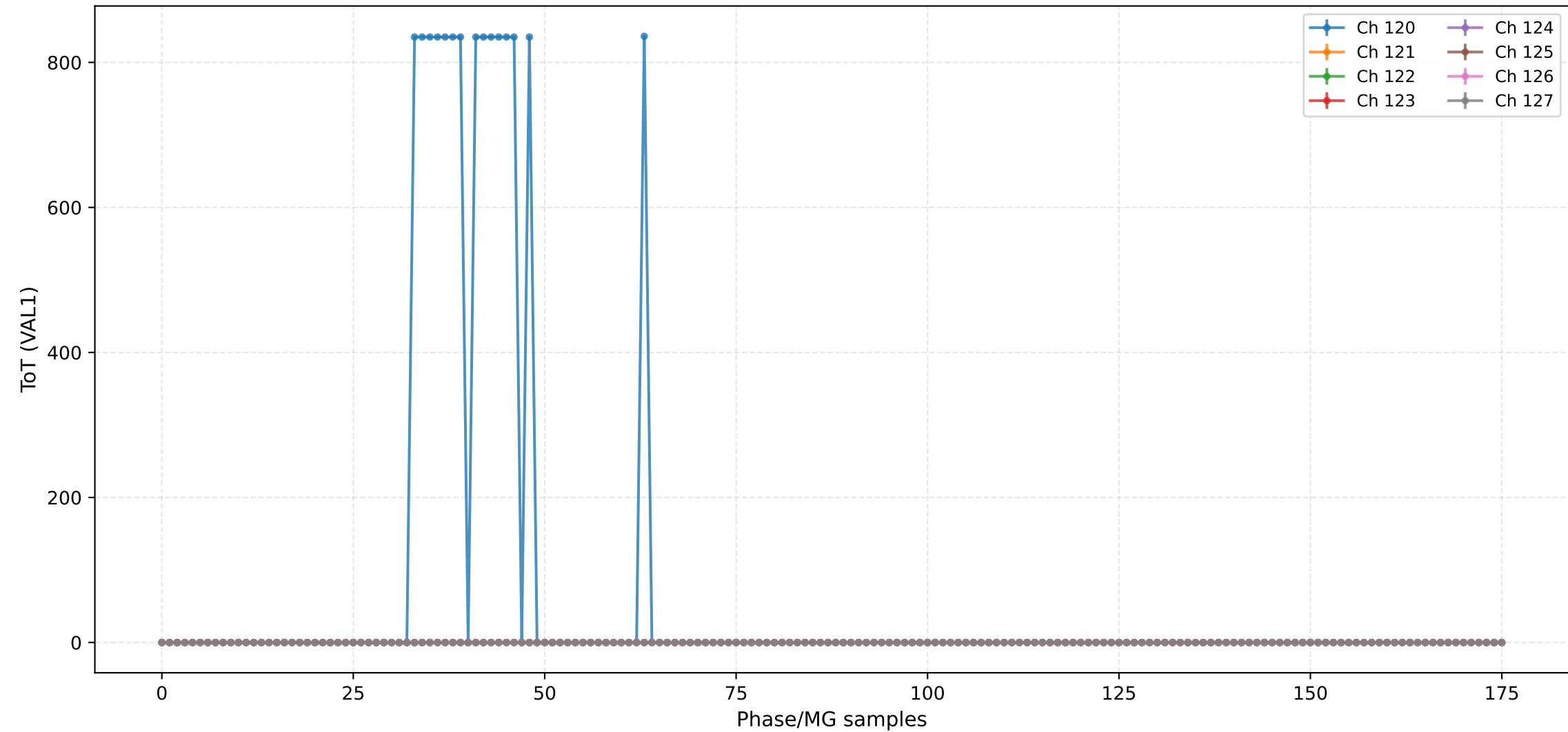
ToT (VAL1) - Channels 104 to 111



### ToT (VAL1) - Channels 112 to 119



ToT (VAL1) - Channels 120 to 127



## ToT (VAL1) - Channels 128 to 135



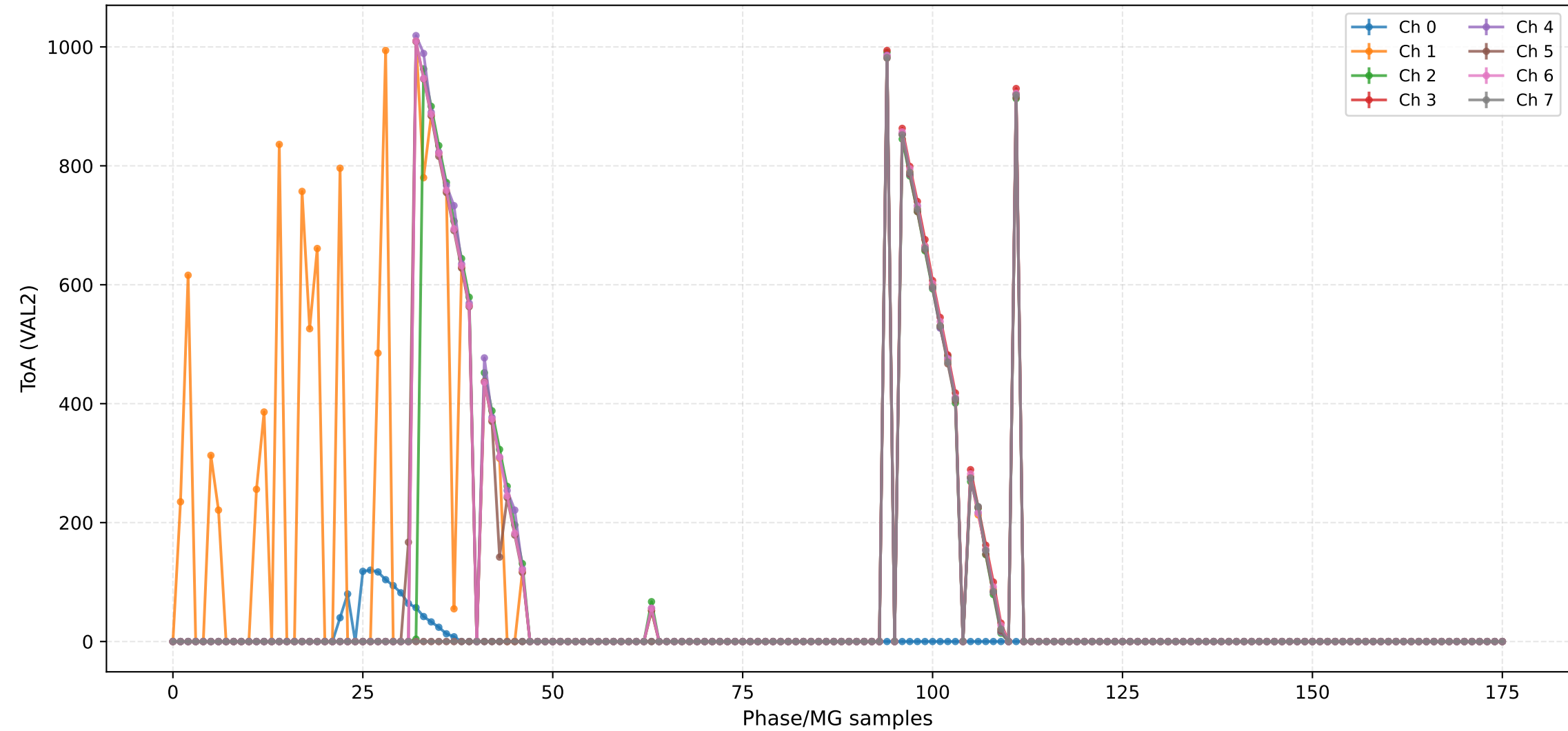
## ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151



## ToA (VAL2) - Channels 0 to 7



ToA (VAL2) - Channels 8 to 15





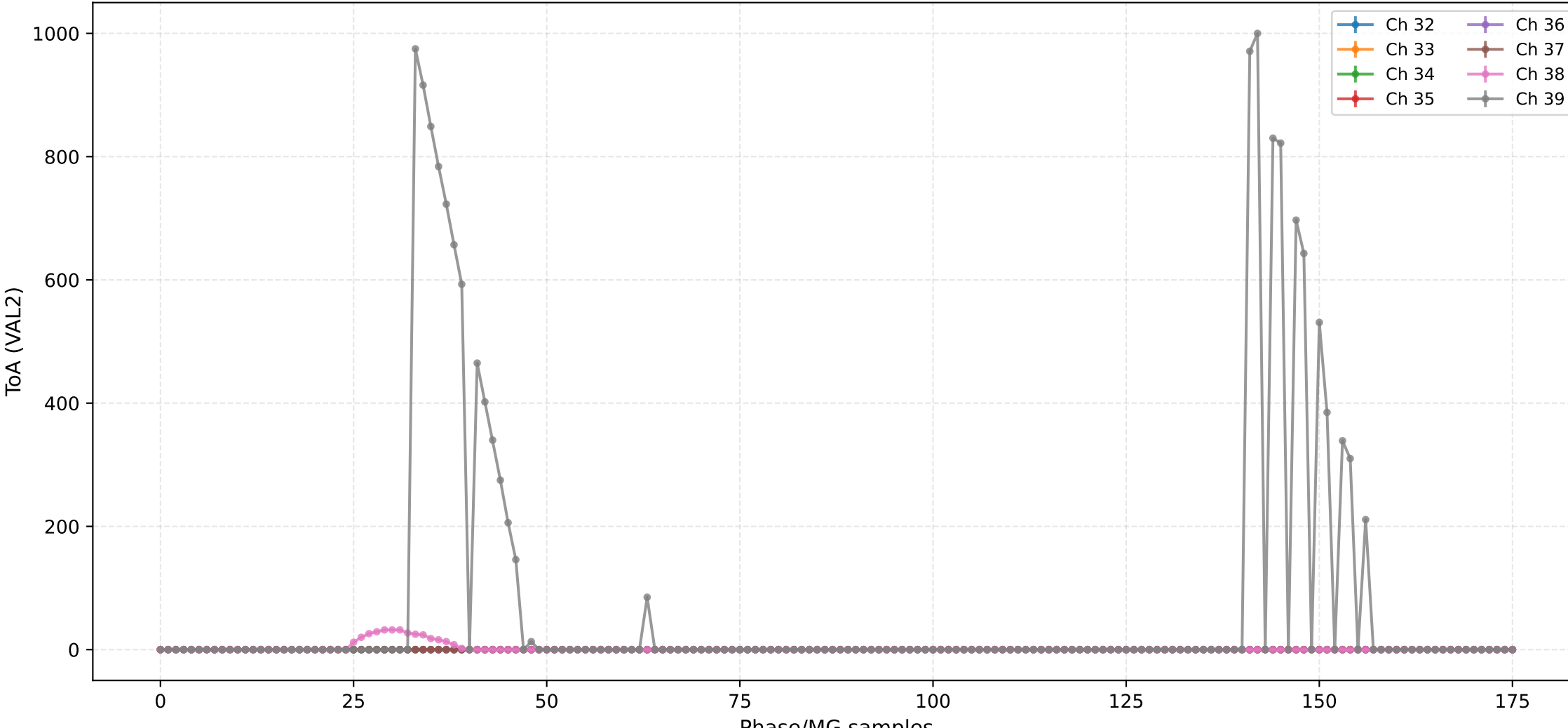
ToA (VAL2) - Channels 16 to 23



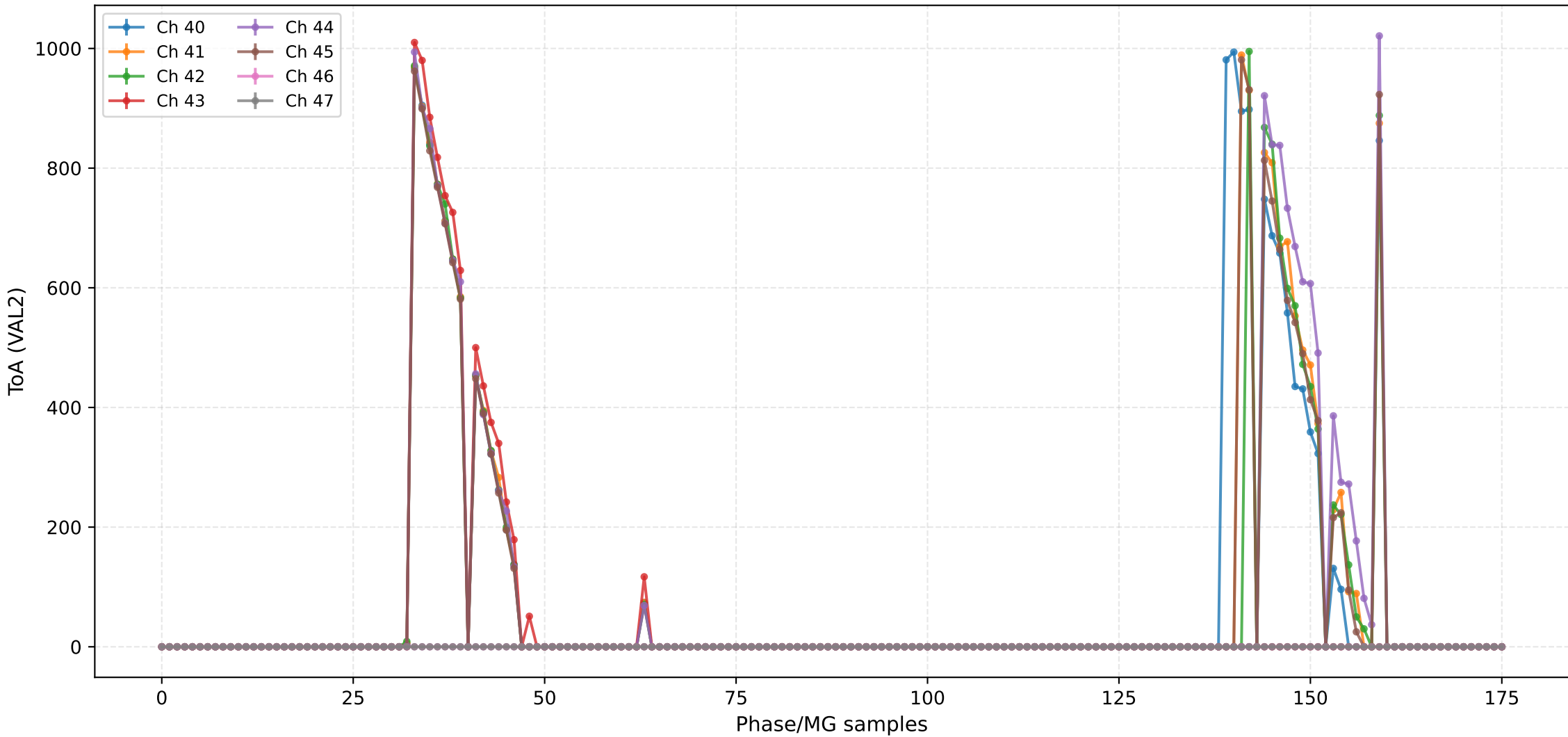
### ToA (VAL2) - Channels 24 to 31



## ToA (VAL2) - Channels 32 to 39



## ToA (VAL2) - Channels 40 to 47



## ToA (VAL2) - Channels 48 to 55



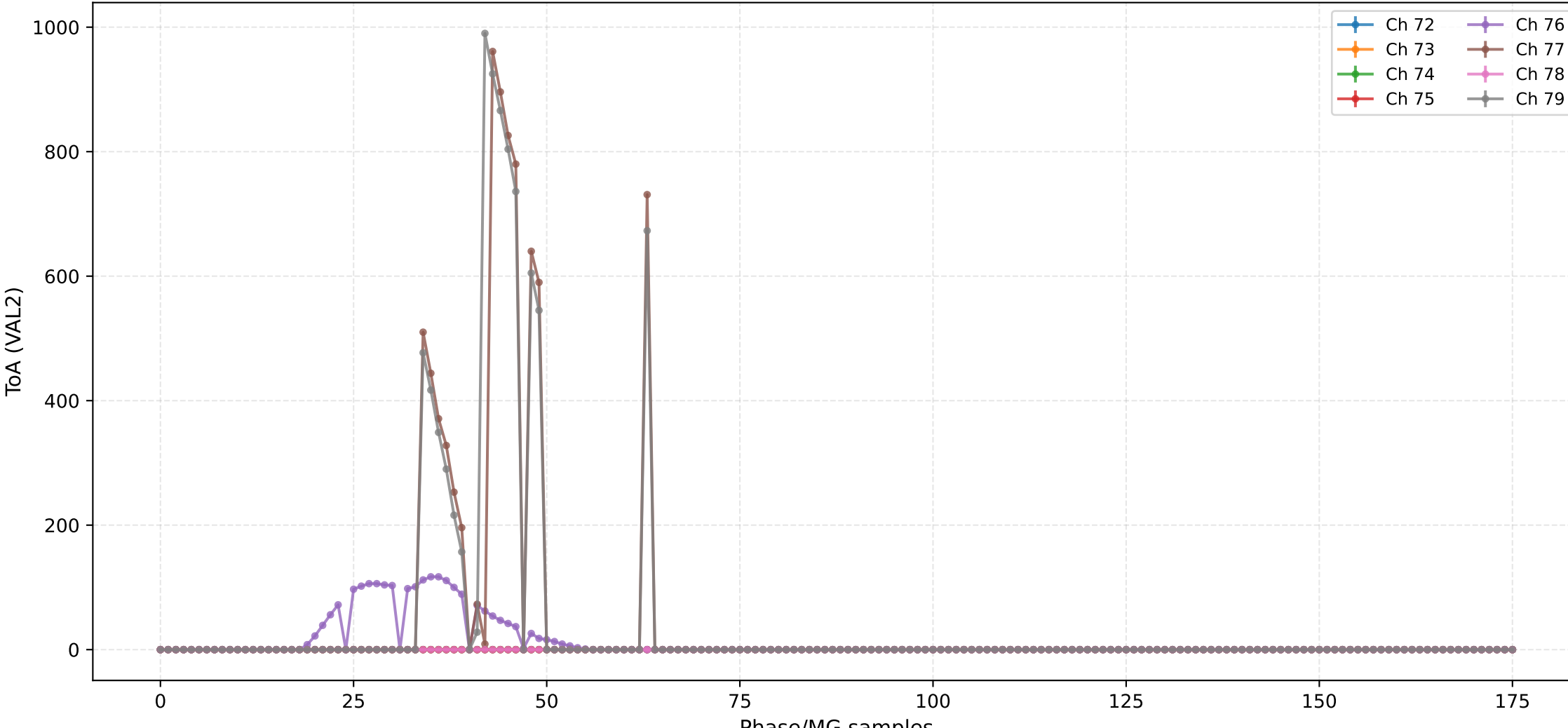
## ToA (VAL2) - Channels 56 to 63



ToA (VAL2) - Channels 64 to 71



## ToA (VAL2) - Channels 72 to 79







## ToA (VAL2) - Channels 88 to 95



ToA (VAL2) - Channels 96 to 103



## ToA (VAL2) - Channels 104 to 111







## ToA (VAL2) - Channels 128 to 135



The graph displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for six different channels. The x-axis represents time from 0 to 150, and the y-axis represents the expectation value from -1 to 1. A horizontal dashed line is drawn at  $y=0$ . The legend indicates the following channels:

- Ch 136 (blue)
- Ch 137 (orange)
- Ch 138 (green)
- Ch 139 (red)
- Ch 140 (purple)
- Ch 141 (brown)

All channels show a constant value of 0 throughout the time evolution, as indicated by the data points lying exactly on the  $y=0$  line.





## ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

---

Script: 205\_Injection v1.0

Date: 2025-12-12 23:33:38

### Configuration:

- Total ASICs: 2
- Injection DAC: 3000
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 16
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac3000\_mg10\_pack2\_chn16\_val0.csv
- 205\_Injection\_asic2\_injdac3000\_mg10\_pack2\_chn16\_val1.csv
- 205\_Injection\_asic2\_injdac3000\_mg10\_pack2\_chn16\_val2.csv